SEQUENCE LISTING

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Symonds, James Matthew
Byers, Stephen
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<120> METHODS FOR DIAGNOSING AND EVALUATING CANCER

<130> 100086.407C12

<140> US 10/759,379
<141> 2004-10-16

<150> 09/305,928
<151> 1999-05-05

<150> 09/234,395
<151> 1999-01-20

<150> 09/187,859
<151> 1998-11-06

<150> 09/073,040
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<170> PatentIn Ver. 2.0

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<400> 1
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<210> 4
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Gly Trp Val Trp Asn Gln Phe Phe Val Ile Glu Glu Tyr Thr Gly Pro
1 5 10 15

Asp Pro Val Leu Val Gly Arg Leu His Ser Asp Ile Asp Ser Gly Asp
20 25 30

Gly Asn Ile Lys Tyr Ile Leu Ser Gly Glu Gly Ala Gly Thr Ile Phe
35 40 45

Val Ile Asp Asp Lys Ser Gly Asn Ile His Ala Thr Lys Thr Leu Asp
50 55 60

Arg Glu Glu Arg Ala Gln Tyr Thr Leu Met Ala Gln Ala Val Asp Arg
65 70 75 80

Asp Thr Asn Arg Pro Leu Glu Pro Pro Ser Glu Phe Ile Val Lys Val
85 90 95

Gln Asp Ile Asn Asp Asn Pro Pro Glu Phe
100 105

<210> 5
<211> 106
<212> PRT
<213> Mus musculus

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1 5 10 15

Asp Pro Val Leu Val Gly Arg Leu His Ser Asp Ile Asp Ser Gly Asp
20 25 30

Gly Asn Ile Lys Tyr Ile Leu Ser Gly Glu Gly Ala Gly Thr Ile Phe
35 40 45

Val Ile Asp Asp Lys Ser Gly Asn Ile His Ala Thr Lys Thr Leu Asp
50 55 60

Arg Glu Glu Arg Ala Gln Tyr Thr Leu Met Ala Gln Ala Val Asp Arg

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 65                  70                  75                  80

Asp Thr Asn Arg Pro Leu Glu Pro Pro Ser Glu Phe Ile Val Lys Val
                85                  90                  95

Gln Asp Ile Asn Asp Asn Pro Pro Glu Phe
            100                 105

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<213> Homo sapiens

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Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
  1               5                  10                  15

Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
             20                  25                  30

Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
         35                  40                  45

Gly Ile Phe Ile Leu Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
     50                  55                  60

Pro Leu Asp Arg Glu Gln Ile Ala Arg Phe His Leu Arg Ala His Ala
 65                  70                  75                  80

Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
                85                  90                  95

Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
            100                 105

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Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
             20                  25                  30

Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
         35                  40                  45

Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
     50                  55                  60

Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
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 65                  70                  75                  80

Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
                 85                  90                  95

Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
            100                 105

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<213> Bos taurus

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Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
  1               5                  10                  15

Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
             20                  25                  30

Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
         35                  40                  45

Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
     50                  55                  60

Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
 65                  70                  75                  80

Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
                 85                  90                  95

Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
            100                 105

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Ile Phe Val Ile Asp Asp Lys Ser Gly
1 5

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<213> Unknown

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<223> Where Xaa is and independently selected amino acid

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<222> (3)
<223> Where Xaa is either Valine of Serine

<220>
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<223> Where Xaa is either Isoleucine or Valine

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<223> Where Xaa is either Aspartate or Glutamate

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<222> (6)
<223> Where Xaa is an Independently selected amino acid

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<223> Where Xaa is an independently selected amino acid

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<221> MOD_RES
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<223> Where Xaa is either Serine or Threonine

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Synthesis based on Human OB-Cadherin

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Ile Asp Asp Lys
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Synthesis based on Human OB-Cadherin

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<211> 5
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<400> 13
Val Ile Asp Asp Lys
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<210> 14
<211> 5
<212> PRT
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<210> 15
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<400> 15
Val Ile Asp Asp Lys Ser
1 5

<210> 16
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Synthesis based on Human OB-Cadherin

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<400> 17
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<210> 18
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<400> 18
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<210> 21
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<400> 27
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<210> 28
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<400> 28
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<210> 29
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1 5

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Synthesis based on Human OB-Cadherin

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<210> 39
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Val Glu Ala Gln
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<210> 40
<211> 4
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Glu Ala Gln Thr
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Ser Val Glu Ala Gln
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<210> 42
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Synthesis based on Human OB-Cadherin

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<210> 43
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Ser Val Glu Ala Gln Thr
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<210> 44

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Synthesis based on Human OB-Cadherin

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Glu Ala Gln Thr Gly
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<210> 46
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<210> 47
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Synthesis based on Human OB-Cadherin

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Synthesis based on Human OB-Cadherin

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<210> 49
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<210> 50
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<210> 52
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<213> Artificial Sequence

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<210> 53
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<210> 54
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<210> 55
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Synthesis and Cyclization based on Human
OB-Cadherin

<220>
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<210> 56
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<210> 57
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<210> 58
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<210> 59
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<220>
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<400> 59
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<210> 61
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<220>
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<210> 62
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<210> 63
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<210> 66

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OB-Cadherin

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Synthesis and Cyclization based on Human
OB-Cadherin

<220>
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<210> 68
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Synthesis and Cyclization based on Human
OB-Cadherin

<220>
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<400> 68
Cys Ile Phe Val Ile Asp Asp Lys Ser Cys
1 5 10

<210> 69
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Synthesis and Cyclization based on Human

OB-Cadherin

<220>
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<220>
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1 5

<210> 71
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<220>
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<220>
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<400> 71
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1 5

<210> 72
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<220>
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<220>
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<400> 72
Asp Val Ile Asp Asp Lys Lys
1 5

<210> 73
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Synthesis and Cyclization based on Human
OB-Cadherin

<220>
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<400> 73
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<210> 74
<211> 9
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Synthesis and Cyclization based on Human
OB-Cadherin

<220>
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<400> 74
Asp Ile Phe Val Ile Asp Asp Lys Lys
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Synthesis and Cyclization based on Human
OB-Cadherin

<220>
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Glu Asp Asp Lys Lys
1 5

<210> 76
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<220>
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<400> 76
Glu Ile Asp Asp Lys Lys
1 5

<210> 77
<211> 7
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<220>
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<220>
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<400> 77
Glu Val Ile Asp Asp Lys Lys
1 5

<210> 78
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<220>
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Glu Phe Val Ile Asp Asp Lys Lys
1 5

<210> 79
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<400> 79
Glu Ile Phe Val Ile Asp Asp Lys Lys
1 5

<210> 80
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<220>
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<400> 80
Phe Val Ile Asp Asp Lys
1 5

<210> 81
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<220>
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<220>
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<400> 81
Phe Val Ile Asp Asp Lys Ser
1 5

<210> 82
<211> 8
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OB-Cadherin

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OB-Cadherin

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forward primer

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